on Agriculture
o 1 of 1871.
No 1—17

Subject.

Agricultural Experiments.

Enclosed.

1

A-30

Genl Circular No. 1543/35

From 1872.

To The Superintendents of Divisions. Coorg

Dated 25th } & Supdt. Land Trafic

Despatched 26th } June 1872.

Received 29th & 2nd July

Enclosures No.

Genl No. 1543(5) } 1872/73.

Genl No. 35

File No. 71

Serial No.

Memo detailing the subjects to which Colonel Roddam's attention should be directed to give effect to the objects Colonel Meade had in view in recommending his services for this Administration.

Forwards X copies of the above, and requests that every aid may be afforded to that Officer in carrying out the views of the Govt. By Order

Chief Comr.

25/6/72. [illegible] Secy.

X 10 to Supdt. Nandidroog
" " " Ashtagram
" " " Nagar
5 " " Coorg
1 " " Land Trafic

MYSORE CHIEF COMMISSIONER'S OFFICE,

25th June 1872.

MEMORANDUM.

With reference to the correspondence noted in the margin, copies of which have been furnished to Colonel Boddam, and in which the object the Chief Commissioner had in view in obtaining his services for this Administration is set forth, Colonel Meade now wishes, on that Officer's re-appointment on special duty, to direct his attention to the following main points as hereunder explained.

No. 3106-776, dated 10th September 1870, enclosing copies of this office letter No. 2241, dated 23rd July 1870 to Foreign Secretary and the reply of Govt. No. 1556, G, dated 25th August 1870. This office letter No. 1512—54, dated 17th June 1872, forwarding Superintendents' opinions and the Chief Commissioner's review thereon.

2. In the last marginally noted communication, Colonel Meade, while admitting the general knowledge the ryots and gardeners possess, and their very careful method of cultivating the cereals, pulses, oil seeds, garden and other produce they have been in the habit of raising, considers that much may be done by an officer going amongst them and patiently pointing out the value of improved feeding of their stock, of careful selection of seed for reproduction, of collecting appropriate manures and of introducing suitable forage for cattle-keep, &c.

3. To this end Colonel Meade wishes—

I. That Colonel Boddam should visit the Head Quarters of every District, and of most of the Talooks, and consult with and advise the Deputy Superintendents as to the best mode of promoting the objects in view, among the principal of which are—

(*a.*) The introduction of any new varieties of forage for cattle during the hot weather, either as pasturage or as hay, that would be suitable to the climate and could be grown by the aid of the local rains only.

(*b.*) The improvement of the indigenous grasses of Mysore, with the same end, and the careful collection of accurate information regarding their productiveness, habit of growth, with and without irrigation, and with the value attached to each as food.

(*c.*) The introduction of measures for improving the breed of cattle and flocks, by careful selection of the best males; and for periodical agricultural shows, where prizes would be given for the best animals and produce.

(*d.*) The introduction of simple machinery for cutting grasses and straw, that would not otherwise be eatable, so as to utilize them to the greatest advantage. This would not be very difficult, as the ryots already collect the leaves, husks and haulm of their produce, for cattle-keep in the hot weather, breaking up the latter by hand.

(*e.*) Practically demonstrating the very great value of selecting the best and soundest seed for sowing.

(*f.*) The introduction of new vegetables and fruits that would be likely to be soon acclimatized, and yield productively.

(*g.*) The importance of very carefully collecting manure in every shape, and of applying particular kinds that would be most suitable to the varied soils and crops of the Province.

II. That Colonel Boddam should, with this view, be moving from talook to talook from 6 to 8 months out of the 12, for the purpose of collecting and disseminating correct information; he should also submit from time to time short and concise memoranda on the various points, for publication in the local Gazette for general information, Colonel Meade being of opinion that this would be far preferable to long reports submitted in the ordinary manner.

III. That in communication with the Superintendent of the Lál Bág, such experiments as might be deemed desirable should be tried there, and in the adjoining lands, and examples given of crops grown under improved conditions.

IV. That accurate information should also be collected and imparted, with regard to the best plants for hedges, both as to their suitability for excluding cattle from cultivated land, and for fuel from their clippings, or remuneration from their seed produce.

V. That the possible culture, with profit, of the agaves, asclepiads, or other fibre yielding plants in dry waste land, should be taken similarly into careful consideration, with a view to the exportation of the fibre.

VI. That similar information should be carefully collected with regard to indigenous trees of quick growth in bare, stony, and other ground unsuitable for cultivation, in order that fuel topes might be eventually made a profitable speculation; among these are the ankóle, the basari, the gorvi, the túbare, the acacias, and many others.

VII. That the causes of the various diseases among cattle should also claim a share of Colonel Boddam's attention.

4. In making these remarks Colonel Meade by no means wishes to limit Colonel Boddam's proceedings to the points noticed therein. All of them undoubtedly require his careful attention and consideration, but Colonel Boddam's own experience would probably suggest many others, and the Chief Commissioner relies on his giving due consideration to everything bearing on this important subject that commends itself to his notice.

5. It will be of course desirable that Colonel Boddam holds the freest communication with the Deputy Superintendents on all matters of the above nature connected with their Districts, and ~~that Officer~~ he will also doubtless take every opportunity to discuss such questions with the Talook Revenue officials, and individual, well-to-do, and intelligent ryots, and to urge improvements where such appear to be called for, and notice such points as might be susceptible of correction at the hands of Government.

6. Lastly, in all he does in this respect Colonel Boddam will, it need hardly be added, regard himself as the adviser of the Revenue Officers, and so act as to carry them cordially with him.

"By Order,"

J. PUCKLE,

Offg. Secretary.

4

Col Bonham.

No 3106/776 of 10 Sept 1870 enclosing copies of this office letter No 2241 of 23 July 1870 & Fm: Off: the reply of Govt No 1586 G dated 26 August 1870.

No 1312/54 dated 17th June 1871 forwarding Supt Opinions on the Chief Commrs annual Reports.

With reference to the marginally noted Letter, of which you have been furnished with Copies, and in which the Govt of India look to Officers of your Service for assistance in this Administration, and on which I am desired by the Govt of Bengal to call your attention, I have to point out to you the main points to which Col Meade wishes you to direct your attention in giving effect to the same.

2 In the last marginally noted Letter, Col Meade, while admitting the general knowledge of Agriculture possessed by Native Landowners and their very careful method of cultivating the Cereals, pulses, oil seeds, garden produce & fruits which they have been in the habit of raising, considers that much may be done by an Officer going among them & patiently pointing out the value of improved feeding of their Stock, of careful selection of seed for reproduction, of protecting artificial manure and of introducing available forage for Cattle keep &c. &c. &c. which Col Meade wishes

3. You will I hear you should visit the Districts of the Deltaic and Upper Districts and consult with and advise

the Dept as the best mode of promoting to the object in view; among the principal of which are.

(a) The introduction of new varieties of forage for Cattle during the hot weather, either as pasturage or as hay.

(b) The improvement of our indigenous grasses with their ~~Seeds~~ seeds cut, & the careful Collection of accurate information regarding their productiveness, habit of growth, with and without irrigation, with the value attached to each as food.

(c) The introduction of measures for improving the breed of Cattle & Stocks, & careful Selection of the best males and for periodical ~~Cattle~~ ~~Horse~~ Agricultural Shows where prizes will be given for the best Animals and produce.

~~(d) The causes of Stock~~
~~causing death or of Stock~~

(d) The introduction of simple ~~Contrivances~~ Machines for Cutting Grasses & Straw, that will be portable, as to ~~which~~ which Steam is the greatest advantage This will not be very difficult, as the Ryots already collect the leaves husks and haulm of their produce, for cattle keep, in the hot weather

that will be suitable to the climate and cannot be grown by the ryot of the local means only.

, breaking up the latter ground
(2) Practically demonstrating the very great value of selecting the best ploughs and best ploughing
(3). The introduction of new vegetables & fruits that would be likely to soon acclimatized and yield productively.
(4) on the value of the very complete collection & application of particular manures suited to the varied soils & crops of this province
II. That with this view you should be directed to forward reports from Salaah & Salaah & send the collecting and disseminating information, & submitting from time to time short and concise memoranda on the various points, for publication in general information, in the local Gazette. Although these duties will be performed & long report submitted in the ordinary manner
III. That in connn with the Supt. of the Lal Bagh such experiments as might be deemed desirable should be tried there, & examples given of crops grown under improved conditions
and in the adjoining lands
IV. That accurate diagrams should also be collected & published with regard to the best plants for hedges, with as little disadvantage as possible, & excluding cattle from cultivated land and, for fuel from the Hills.

re Enumeration from the
Seed produce.

V That the possible Cultivation with profit
~~[illegible]~~ of the Agaves
as Cleftcatch, or Other Fibre
yielding Plants, in dry waste Land
should be taken
similarly into careful consideration
with a view to the Exploitation
of the Fibre

VI That similar information
should be carefully collected
with regard to Indigenous
Trees of Quick Growth
fuel in Bare, Stony,
[illegible] and Other Ground
unsuitable for Cultivation,
in order that Fuel Trees
might be eventually made
a Profitable Speculation.
Among these are the Casuarina,
the Babari, the Goorari
the Tabaree, the Acacias
Among others

VII That the Causes of the
various Diseases among
Cattle should also claim
[illegible] attention of your
Committee

In making these remarks,
I am guided by the numerous
Letters & Circulars
addressing to the Institution
Relative thereto. All of
them undoubtedly Deserving
Some Consideration
& Consideration
but Some are Especially
Deserving of Attention

suggest many others
but the Chief Consideration
to be found pressing down con-
-sideration to Everything
bearing on the important
- but subject that com-
- mands itself to your no-
- tice. —

5 - It will be of course de-
- sirable that in- holding
the first Communion
- tion with any Chapter
in all matters of the
above named Connection
with their Bishop, &
you will also doubt-
- less take every opport-
- unity of discussing
such questions with
the Island Deans
Officials and Archdea-
-cons who will be able
with intelligent Light, and
of ripening experience
to lend such assistance
be called for and
rendering such friendly

Copies sent to
Collector
Comptroller
Solicitor
Board
Mr. Eccles
Mr. Wilson
24.6.72

22.6.72 -
Mr. Hall
Mr. Wilson
Mr. Eccles
Mr. Wilson
Mr. Eccles
Mr. Wilson
Mr. Eccles

Form. Circular (A.G.O.) No. 3

1872.

From

To Superintendents

Dated 6th October

Despatched

Received July 1872

Sept 4th

Enclosures No. 1

General No. 1837 } 4 Oct 4/6 Col Baldwin
Ft. Sill No. 43 } 1872/73

With a Copy
of the Contract between
Forwarded with letter
Office 25th June 1872
No. 1543 Forwards
Extracts from Col
Baldwin's letter
Suggesting that a
small Quantity of
Carbolic and Sulphuric
Ingredients may be sent
at each Quarterly

No. 1837 (to 40)
fo. 43

Myeni Lands Office
Bangalore 8th July 1872
Duplicate

The Superintendent of Divi[illegible]

Sir,

With reference to the memo: of instructions for Mysore Boddam guidance, printed copies of which were circulated with circular of the 25th June 1872 No. 1543/35 I am directed by the Chief Comr to forward the accompanying extract (paras 1 to 6) from a letter dated the 3rd instant received from the Coorg Officer suggesting that a small quantity of Sorghum and Queensland Maize may be sown at the Head Quarter station of each District in your Division for the purpose therein stated, and to request that you will be good enough to furnish each of the District Officers with a copy of his memo with a view to the proposal being carefully carried out, & the cost of the experiment ultimately reported for the Chief Comr's information.

2. The attention of the Deputy Collectors may also be drawn to the advantage of using Superphosphate of lime

or

or vitriolized bones, which
Col: Boddam describes as a first
rate manure; ~~and~~ this use of which he
strongly
advocates ~~its use~~.

Knowles

15/7/72 No 1821 / D 370

Copy to Col: Boddam with
reference to his letter of the
3rd July 1872, and with the
request that he will be good
enough to arrange for the
supply of the requisite quantity
of seed to the Superintendents.

By order
JP
Knowles

A-30

13

From: Secretariat No. 1819
1872 No 2
Circular.

To) The Supt^ts of Dist^ts & Survey
& Supt^t of Land Regn.

Dated 8th
Despatched 9 & 5 July.
Received 11th

Enclosures No.

General No. 1819 (Type 3)
No 42 } 1872/73

This Office Docket No. 4
15-43/35 dated 26th June/72,
forwarding printed Copies
of Memo^m of Instructions
for the guidance of Col:
Boddam.

Request that the
marginally noted corrections
may be made in para 6 of the
printed Copies of the Instruc^ns
referred to.

By order
5/7/72. for Offg: Secy:

In the first line for "Col: Boddam holds" read "Col: Boddam should hold"

In the third line for "and that Officer" &c. ~~will also sign~~ read "and he ~~will also~~ countersign".

Copy

4

MYSORE CHIEF COMMISSIONER'S OFFICE,

25th June 1872.

MEMORANDUM.

With reference to the correspondence noted in the margin, copies of which have been furnished to Colonel Boddam, and in which the object the Chief Commissioner had in view in obtaining his services for this Administration is set forth, Colonel Meade now wishes, on that Officer's re-appointment on special duty, to direct his attention to the following main points as hereunder explained.

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3. To this end Colonel Meade wishes—

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(*b.*) The improvement of the indigenous grasses of Mysore, with the same end, and the careful collection of accurate information regarding their productiveness, habit of growth, with and without irrigation, and with the value attached to each as food.

(*c.*) The introduction of measures for improving the breed of cattle and flocks, by careful selection of the best males; and for periodical agricultural shows, where prizes would be given for the best animals and produce.

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(*e.*) Practically demonstrating the very great value of selecting the best and soundest seed for sowing.

(*f.*) The introduction of new vegetables and fruits that would be likely to be soon acclimatized, and yield productively.

(*g.*) The importance of very carefully collecting manure in every shape, and of applying particular kinds that would be most suitable to the varied soils and crops of the Province.

II. That Colonel Boddam should, with this view, be moving from talook to talook from 6 to 8 months out of the 12, for the purpose of collecting and disseminating correct information; he should also submit from time to time short and concise memoranda on the various points, for publication in the local Gazette for general information, Colonel Meade being of opinion that this would be far preferable to long reports submitted in the ordinary manner.

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IV. That accurate information should also be collected and imparted, with regard to the best plants for hedges, both as to their suitability for excluding cattle from cultivated land, and for fuel from their clippings, or remuneration from their seed produce.

V. That the possible culture, with profit, of the agaves, asclepiads, or other fibre yielding plants in dry waste land, should be taken similarly into careful consideration, with a view to the exportation of the fibre.

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VII. That the causes of the various diseases among cattle should also claim a share of Colonel Boddam's attention.

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6. Lastly, in all he does in this respect Colonel Boddam will, it need hardly be added, regard himself as the adviser of the Revenue Officers, and so act as to carry them cordially with him.

"By Order,"
J. PUCKLE,
Offg. Secretary.

1

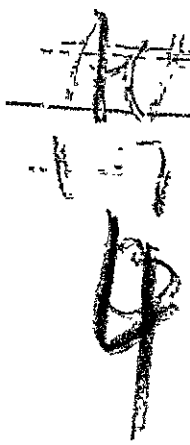
594

16

No 44

From 1872.
Lt Col E. Boddam
To On Special Duty

Dated 14th July
Despatched
Received 16th
Ans 16
Enclosures No.
General No.
No. } 18



Reports that Rummah grass has been sown on the land near the Govt House and Public offices

Secretary
W. Hornby
16-

16/7/72.

Seen Respectfully
Laid with thanks

17.7.72

17

To The Offg. Secretary
to the Chief Commissioner
of Mysore
Bangalore

Grass Experiments

Sir,

I have the honor to state for the information of the Chief Commissioner that the whole of the Pannah grass seed has been sown on the land on either side of the road leading from the Southern entrance gate of Government House up to the immediate neighborhood of the House, and that in the land between the Southern gate & the Public Offices has been sown with about 40 varieties of grasses indigenous to Mysore, in mixture, including the best kinds grown in the Mysore Kowals.- The seed

was collected for me by the Stock Cattle Department and the Deputy Superintendents of Whittlesea and Toomkoor.

I would suggest that as much Natural Seed as can be procured from Mr Stow be sown in Continuation on the land still available on the North and Eastern portions of the Compound.

Sorgho seed was sparingly dotted over the land and harrowed into the ground before the grass was sown; and the sowing of Sorgho will be continued all over the vacant land wherever the soil is tolerably good.

Two thirds of the premises to the West where cultivation was carried on last year have also been sown with Queens Land Maize and the remainder is ready for Sunflower, but I propose to

defer sowing this last crop till we get heavy rain.-

I have the honor to be
Sir,
Your most obedt. Servt.

E. Boddam.

On special duty

Bangalore
14th July 1872.

1

F-53

From 1872
Colonel E. Bardwell
To Dy Special Duty
Bangalore
Dated 31 July 72
Despatched
Received do

Enclosures No.
General No.
No. } 18

States that he has taken up a piece of land in Harrison's farm for a Cashew plantation at a moderate rental - that he has sent 15 lbs of Brijsunghunt Cotton seed to the Supt of Ashtagram and that Maize, Sorghum and Tobacco seeds have been distributed to the Dy Supts -

31.7.72 Very Good

To
The Offg. Secretary
to the Chief Commissioner
of Mysore
Bangalore

Sir,

I have the honor to state for the information of the Chief Commissioner that as directed I have taken up some land in Morrison's farm peculiarly favorably situated for a Cactus plantation, at a very moderate rental, and laid it out with the 2 year old Cactus plants that I had grown in a nursery for this purpose.

I have also sent 15 ~~lbs~~ of Hingunghat Cotton seed to the Superintendent Astagram Division as he desired, having procured the seed from the Offg. Cotton Commissioner.

I have also distributed maize, Sorghum and Tobacco seeds

to

To the Deputy Superintendents.

I have the honor to be

Sir,

Your most obdt servant

E. Boddam

On special Duty

Bangalore
31st July 1872

No. 25 From 1872 C.P. 2598 — 171

To Col: E. Baddeley on special duty

Dated 13th August 1872

Despatched 13 August 1872

Received

Enclosures No.

General No. 2598 } 1872/3

F. No 171 }

Your letter dated the 5th Instant requesting sanction to the entertainment of an asst to aid you in carrying out Agricultural experiments at a salary of 350 per annum

Under the circumstances stated I have the Govr's sanction to the employment of Lieut Baddeley Prov. for 6 months as an experimental

Experimental measure
his salary for that
period being debited
to the Budget provision
under 26 Miscellaneous

Byrnden
J.B.
M Reed

Dr. 2599 V
P 560.

Copy to Dy Accountant

Byrnden
J.B.
M Reed

12/8/72

1
25
of 31

From 1873 No 160

To Colonial Secretary Barbados

Dated 6th February 1873

Despatched February

Received

Enclosures No.

General No. 1873

No. 2598 of 13/8/72

Sir,

I have the honor to transmit herewith a Memorandum from the Inspector General of Constabulary in this Island, relative to the Recommendation of the Chief Commissioner

I am, Sir,
Your most obedient
humble Servant
Henry Irwin
Governor

Secretary with reference.

13.2.73

To Henry Irwin Esqr
&c &c &c

1

To
The Offg Secretary
& the Chief Commissioner
Mysore
Bangalore

Sir

I have the honr to recommend to the favorable consideration of the Chief Commissioner, my Assistant Thoravegadene Moodeliar, whose term of probationary ausley will expire on the 15th Instant.

2 He has been very zealous and attentive and afforded me much assistance in superintending the agricultural experiments hereto carried on — besides giving a portion of his time to study the rudiments of agricultural science.

3 His present pay (35 Rs per mensem) I would venture to remark is small compared with that of other native officials under this administration, of whom superior intelligence of a special nature

to expected.

I would take the opportunity to submit as my opinion, that we can only hope for any marked agricultural progress here, when the native official mind, has been jolted out of its old grooves & be prepared to accept the lessons which modern agricultural science can teach – This might be accelerated by teaching the young men & offering them inducements to study and the means of acquiring agricultural science.

I find many of the old amildars are incredulous – Most eager to gain information but without time to devote to study – or books to instruct them – and few indeed are impressed with the idea that Government is in earnest in the matter – at least that is my opinion – after visiting a great portion of the Province –

How much?

Col Baddam seem to think that to impose defining his duties, Commissioner should subject any opinion that they are naturally scientific agriculturists – more to mean a generally intelligent man that by any means pay close attention to special matters to be ultimately applied to the soil, and is to buy splendid seed, or to obtain seed or pedigree plants such as Mr has already applied to Govt. Could Col be asked to make a definite prop.n?

14/2/73 J.B.

28

I have the honor to be
Yr most obedient Servant

E Boddam
Major 2nd Battalion

Camp Chitildroog
8th February
1873.

I inclose Col. A. sent
a fresh train of the 4th inst
to the town, with an in-
crease of pay, but the
latter is out of the pos-
session. He may be called
to suppress. I have to
object to the appli-
cation for
further train. I have,
but shall expect a
report of what he has
done.

2 — If Col. A. has not

It has submitted a report of the results of the surveys & Lumberland Ships and Dumpbarges Officers which should be regarded as to be used for the form required by the Regulations - Final decision

Mr L. Rhodes.

Forwarding memo: [illegible]
Chart. 15/2

14.2.73

In reply Lay Asst Commissioner Maritime Coast Regions a position. Who allowed to be appt in an increase of pay. Though this is not Local Status -

The increase cannot be granted & could not be asked to submit some definite proposal; Calcn not object to allow him to become due further Salaried advance beyond 6 mos. from date of taking Women Teams, who undertook the extension when he was done

Call attn Coast Regs to report on case & Officers orders, ask him to submit any definite proposals he may desire. Should found with Office Minute Officers Exercised in Channel 4 ad Platt under reply

17.2.73 [illegible] 17/2/73

I
F15
c431

From Sir

1873. No. 6530
1078.

To Colonel Eq, Bombay
on Special Duty

Dated 17th
Despatched 19th February
Received

Enclosures No.

General No. 6530 } 1873
Sl. No. 1078 }

Acknowledging to this
No. 6530 dated 18th
1078 February 1873 stating
that the application
will be allowed
to remain on the
Company for a
further period of
6 months, & requesting
also to be informed
the result of the trial
of Linseed
Orange & Sunflower
experiments.

6530
C. 1078

Native Chief Commr's Office
Camp Tauranga 17th January 73.

Lt. Colonel E. Baddam
On special duty

Sir,

With reference to your letter dated 8th Instant, I am directed to state that Col. Mende concludes that you require a fresh term to be allowed to your assistant, Tenorenga-daun Murdoch, with an increase of pay, though such is not specifically stated, but the Chief Commr will not object to allow him to remain on the same pay, for a further period of 6 months from date of expiry of former term, but a report will be expected of what he has done during that period.

2. In regard to the opinions expressed in paras 4 and 5 of your letter under reply, I am to suggest that your submitting any definite proposition you may desire to bring forward on the subject.

3. I am also to take this opportunity of requesting that the results of the Sorghum & Queensland Maize and Sunflower experiments may be reported at once for Col. Mende's information, in the

Jenn

form required by the Dept of
Agriculture Revenue & Commerce.

Thanking you

Yours faithfully

17/2/93

I
725

53

From Colonel E. Boddam.
To on Special duty.

Dated 22 February 1873

Despatched

Received 26 FEB 1873

Enclosures No.

General No.

No. } 1872.73

With reference to No. 6530/1078 of the 17th instant, specifies the services rendered by his Asst. Seroovengadem Moodeliar

To Accounts for the information

To Mint 24.2.73

Lieut Col B. does not submit definite proposals, nor does he ask from call for a report on Forbes and Lemon and Maingy

25.2.73

Lr.

34

The Offg Secretary to the Chief Commissioner of Mysore

Lr

With reference to the 1st para of your letter of the 17th instant No 6530 calling for a report on what has been done by my Assistant Terovengadem Moodeliar, I have the honor to state for information of the Chief Commissioner that he has on all occasions assisted at the agricultural operations of ploughing sowing cultivating harvesting &c, relieving me of the supervision during the heat of the day - from time to time during my absence on circuit he has satisfactorily done the work prescribed. he has also superintended the measurement of the plots of land the weighing & cleaning of the seed - without some one being present the Coolies rob & pilfer to a great extent. As required by me he has collected native opinions & views, reliable information on agricultural subjects, the rotation of crops - the periods of sowing & harvesting the use of pendicle, the varieties of the neighbourhood manure, bones &c & questions about cattle -

It is from this one source apparently that Capt B. so confidently writes regarding State of Cattle, & Crops &c. &c. & says "I found, from inspection of Cattle. Went to Officials accepted any estimate made by them!

At the horticultural exhibitions he has been most actively useful -

Ry was always
scrupulously so much
before, without
any mistake &
Order of 1868
has acknowledged
the same —

becoming & returning the tents & stores
sent by Department of the Gool on my
responsibility and on carrying out the
general arrangements at these shows
which are exceedingly troublesome &
occupy a great deal of time — in con-
ducting them I never receive assistance
from the Quakers —
Before entering on the clerical duties
I have required of them satisfactorily
& have studied some elementary
Agricultural works, but to much regret
I fear they may be have been very useful
& been qualifying himself for further
employ. I have the honor to be

Sir
Your most obedt Servt
E Doddard
Assistant

Dunsalere
29th Feby 1873.

Prop.
Buffaloes —
Sale on drafts & Cattle
M: unless stated —
2/2 73.

Recd
Feb 28/73.

J
T25
A31

Received 1873 Feb 13 6502

From 525

To Colonel C. Braxton
on special duty

Dated 24th

Despatched - February

Received 1

Enclosures No.

General No. 6802 V.
Filed No. 525 1873

In reply to this
letter of the 24th ult
upon the subject
of the services of this
officer on the pro-
posed line of Ry. from
Lake Memphremagog
further period
of nine months.

No. 6602
Dist. 525

H. C. C. Office
Bangalore 28th July 1873.

To,
Colonel G. Broadfoot
On Special Duty

Sir,

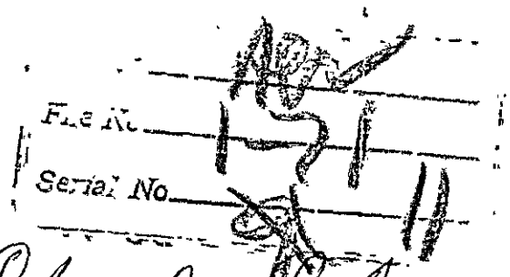
In reply to your letter of the 22nd instant, I am directed to convey the Chief Commissioner's sanction to the retention, for a further period of six months, of the services of your Assistant on his present rate of pay, Rs. 35 per mensem; but I am at the same time to request that a report may be submitted to this Office monthly, showing specifically the work upon which he has been engaged.

2. Colonel Broadfoot requests that the reports on the results of the Mysore and Queensland Maize Experiments, may be submitted as soon as possible.

Returned

28/7/73

Copy of para 1 to the D.A.G. for info.



From Colonel E Boddam
Mysore dated 38

To the Secretary
to the Chief Commissioner
Bellary

I received your letter dated the 30th ultimo - prepared the requisite proceedings - assisted in conducting heavy and laborious - the departmental culture of Mango - Sapotas & Tamarinds - and other clerical work - in the month of March

E Boddam
Mysore

Bangalore
2nd April 1863 -

A 16

39

From Colonel Woodcock
on Special duty

To Secretary to Chief Commissioner,
General Department.

Dated. 9th April/93

Despatched.

Received.
Reg 18th

Enclosures No.

General No. 4—
No.

Monthly report of work performed by A Terreyra
dec Woodcock probationary
Asst to Col Woodcock
in March 1893

Abstract below
18/4/93 H.P.

40

14.8.73

1873

To Colonel Brodeur
on full duty

I

The Off. Secretary
& the Chief Commr.

Baked. 12 Augt.

Desptd

Recd

Enclosure No

Sl no. 19

Applies for permanent employment, hopes to be continued in her present employ - & submits her claims for consideration.

It is impossible to say in this office whether this Mr. Services are really required or not.

15/8

This employment may be continued for six months more.

16/8/73

15/8

Section
File No 621
Serial No 69

No 47

The Offg Secretary
to the Chief Commissioner
of Mysore.

Sir

As the 6 months, during which probationary employment under me of A. Veeraraghaden Moodeliar will expire on the 15th instant I have the honor to request you will obtain the sanction of the Chief Commissioner for his continuing in his present office. He has been at present employed in the Cheval duties & much assistance in superintendence of the harvesting & storing of the experimental crop, and packing & dispatching Malay guantities of seed distributed in different districts — He was in the hot & dry season — afterwards he took great trouble in procuring me a plot of land suitable for the Carolina paddy experiment — which I myself had failed to get in many quarters He also managed to get me large supplies of manure — which is most difficult to procure in dense & he had to go about a great deal to the Pettah & all parts of Bangalore —

4

La Mulgheta has assisted me in the agricultural operations, consequent on the mentoon settlement — He was very useful at the Kundy Cattle Show. While I am on account, he takes charge of the establishment superintends the work most efficiently. He is indispensable some Mayteys, for without such an assistant, I should have had the seed on these subahs sown stolen — I have no Men trustworthy, besides boys & yours and the Cooli require the strictest watching —.

I have the honor to be
Sir
Your most obedient humb
E Boddam
asst duty.

Bangalore
13th Augt 1873.

No. 374
F. 65

43

In. A. C. Office
Bangalore 16 April 1874

To,
Colonel E. Boddam
On Special Duty.

Sir,

I am directed by the Chief Comr. to state that the Deputy Commissioner with Govt Order No. 94 of the 8th instant, on Agricultural Experiments and Operations during the past year, should have been accompanied by a statement of the Whole of the Charges incurred during that period in the Experiments noticed — the Cost of ~~Seed under the Several Heads~~, Ploughing, Manuring, Weeding, Harvesting &c ~~charged~~, as also the net Charge to the Mysore Govt. on account of Yourself and your Assistants.

Showing in detail

The Value of the Crops grown and the Amount actually realized for them ~~should also be stated~~.

Colonel Boddam's Deposals

~~Should the Deputy Commissioner be unable to furnish the above for the~~

M. H. M.

H.374
65

Agriculture. 727

Rec'd from

14/4/74

H.F.

44 1874-75

To

Col: C. Boddam

on special duty

dd 16th April 1874.

Rec'd 18th

H.374
65

Transmits the Annual Report for 1873-74.

Comments certain remarks on the report submitted on Agricultural experiments &c during the past year. —

H

1/727

Statement

from Memo

attached to this

to be sent from

D.A.G. Ufficio

Col. Boddoen &

Statement to be

R. 4 10 5 - 15 - 0.

the agricultural Exp.

Cost R 10 30. 7. 0.

Horace Col

Boddoen attention

to the dark for.

a more detailed

report -

24/4.

1874.

No 11

Via Colonel Boddoen
on Spl duty

To The Secretary
to the Chief Comm
of Cyprus

Dated 22 April
Despd
Received 22 " "

Enclosures No 1
Gle No 8

Inwards a statement of
Costs agricultural depts
Products in 1873 —

Section
File No
Serial No 12

To be sent
This to Boddoen
the statistics factory

45

[illegible]
[illegible]
[illegible]

Memo

Expenses charged in 1873-74 in account of Col. Boddam's
Allce & Sir Harkley Allce & Experiments

Col: Boddams Allce @ 172.2. from March 73 to Feby 1874		2065. 8.-
Pay of Sir H. from March 73 to Jan 74 @ 49 and for Feby @ 16/		553.-
Agricultural Experiments. March 73.	6.-	
April	41.3.-	
May.	58.13.-	
July.	112.1.-	
August.	206.14.3.	
Sept.	109.3.-	
Oct.	109.11.-	
Nov.	20.4.-	
Dec.	84.6.8.	
Jany 74.	178.9.6.	
Feby -	103.5.7.	1030.4.-
Col: Boddams Harkley Allce		457.-
	Total Rs:-	4105.16.-

Bangalore
23/4/74 HE.

Statement of Cost of Agricultural experim

Area Comm	Description of Plain comm	Particulars	Amount			Total			Re
		Outlay incurred							
2364 yards.	Georgian Sugar Canes	Ploughing	17	"	"				Produ
		Manure	47	"	"				Realiz
		Sowing	1	10	"				6 Madra
		Harvesting	1	6	"				Value of
		Shelling	1	"	"				Value of
		Watching	7	"	"				
		Assessment of land	2	"	"				
		Value of seed sown	2	"	"	79	8	"	
1 Acre	Giant Russian Sun flowers	Manure	25	"	"				50 Gall
		Ploughing Sowing and harrowing	11	"	"				Annas p.
		Seed	1	"	"				Refuse
		Assessment of land	4	"	"				Leaves a
		Watching	12	"	"				Oil ca
		Cost of expressing oil	61	"	"				Potas
		Harvesting	4	"	"	118	6	5	
½ an Acre	Carolina Pastic	Manure				18	"	"	Sp
3 Acres	Pargha.	Ploughing	25	12	"				Value of
		Manure	90	"	"				about 2
		Spreading Do	7	2	"				Fodder
		Sowing and Harrowing and weeding	21	12	"				Stalk
		Watching	4	"	"				
		Harvesting	10	6	9	159	"	9	

Ploughing	8	11	"				Realized by the Disposal of Andaman
Manure	45	"	"				
Spreading Do.	2	6	"				
Sowing Seed and Harrowing	5	15	"				
Harvesting	3	7	"				
Watching	2	5	4	67	12	11	
Manure	31	4	"				Fodder
Ploughing	5	"	"				Fuel
Spreading manure	2	"	"				Ashes
Sowing Seed	2	"	"				
Harvesting	4	"	"	44	4	"	
Total Cost to Government				487	"	1	Total Re Direct

Calcutta
April 1874
C.F.

Statement of Cost of Agricultural experim

Area Cultivated	Description of plain country	Outlay incurred — Particulars	Amount	Total	Acc
2364 Acres.	Egyptian Sugar Ranges	Ploughing	17 " "		Produ
		Manure	47 " "		Realiz
		Sowing	1 10 "		6 Bra
		Harvesting	1 6 "		Value
		Shelling	1 " "		Value
		Watching	7 " "		
		Assessment of land	2 " "		
		Value of seed sown	2 " "	79 8 "	
1 Acre	Giant Russian Sun Flowers	Manure	25 " "		50 Gal
		Ploughing Sowing and harrowing	11 " "		Annas
		Seed	1 " "		Refun
		Assessment of land	4 " "		Leaves
		Watching	12 " "		Oil ca
		Cost of expressing oil	61 " "		Total
		Harvesting	4 " "	118 6 5	
½ an Acre	Carolina Variety	Manure		18 " "	9
Acres.	Fodder.	Ploughing	25 12 "		Value
		Manure	90 " "		about
		Spreading Do	7 2 "		Fodd
		Sowing and Harrowing and weeding	25 12 "		Stal
		Watching	4 " "		
		Harvesting	10 6 9	159 " 9	

by Sale of Lands of Port Blair						
"				80	"	"
	2	"	"			
	6	"	"			
	2	"	"	10	"	"
ized 6				503	13	4
in May				487½	"	1
				16	13	3

E Bodeleell

Offi Special Duty

1/
127.

49

1874.

From

To Col: Boddam
on Special duty.

Dated 29th
Despatched 30th April 74.
Received 1st May

Enclosures No. 1

Section
File No 1-71
Serial No 15

General No. 759
No. 139

Govt. No 8 of the 22d April 74 forwarding a statement of cost of Agricultural experiments in 1873.

With reference to the above, forwards copy of a Memo: furnished by the Dy: Accts: Gl: on the subject, from which it will be seen that the total Cost incurred by Govt: on a/c of ~~agl~~ including establishments experiments during the past year is Rs 4,105-15-2

50

of which the Agricultural Experiments cost Rs. 10 30-7-0

2. The Chief Commr. regrets that a more detailed report may be furnished on the subject & the discrepancy cleared up..

3. The Statement submitted by you shews that a sum of Rs. 146-10-8 was also recovered in Cash from the sale of seeds &c, but Col. Meade observes that this sum goes a very short way towards reconpensing Govt for the expense it has incurred on a/c of experiments

"By order"

Sd/- A.C.

Secretary.

27/4/74

78/3

29/4/74.

1
727

187[illegible].

From Col. S. Bonham

To on Special duty

Dated 5th August

Despatched

Received 6th Sept. 15th

Enclosures No. one

General No.

No. 10

The report was submitted does sufficiently.

2. There was no limitation of testing Cal. A.r experiments by the amount tramped in track & soil from the results, and the point was investigated in connection with Cal. A.r statement of the cost & realizations from these experiments.

3 The net outlay is not separated, but the returns of the several crops as stated in the statement is not [illegible]

Explains with reference to Market Dr. 759 dated 29th ult. the discrepancy noticed by the Secretary. Said in the total cost of Agricultural experiments

[illegible]

8/5

The object of the experiments was simply to show up the increasing Barrett & action by the Agricultural Chemist which

it would be the
height of folly
to attempt to
by the force such
lands patch & lay
hand to cultivate.
The farmer put on
the... by Col Bartle
appears how the
the very highest
could be enforced
in this country, &
it is impossible to
avoid the conclusion
that, perhaps few far-
mer results can be
obtained, some of
these farms could
be raised with ad-
vantage by adopting
Ingots. -
4. So far as the ef-
fect of these Experi-
ments has to make
land be spoken to
the farming and
stock

[illegible]
[illegible]
[illegible]

No 1053 Bangalore 5th April 1874

From

The Offg Secretary
to the Chief Commissioner
of Mysore

Sir

With reference to your docket of the 29th ultimo Gl No 739/139, forwarding copy of a memo from the Dy Accot Gl showing the total cost of agricultural experiments in the past year to be Rs 1030..7..0. whereas my statement only showed Rs 487..1. and requesting the discrepancy may be cleared up; I have the honor to state that my account showed the actual expences incurred in the Agricultural experiments under report, whereas the Dy Accot Gl has grouped under that head the whole of the miscellaneous expences of my office drawn in my Contingent bills each month — which have no connection with the experiments — such as Cart hire in carrying my tents on circuit duty — Cost of Rumna grass seed — freight of Mauget Port Blair &c — which are given in detail in the ac-

: companying-

54

Dy Accts Genl's Accts

memorandum. Return total Rs 1030,
Jany 2 statement agrees with
that of the Dy Accts Genl —

my accts agricultural expenses 487-
Miscellaneous office items. 543.6.
1030.7

Referring to Para 3 of your
present Docket I wish to observe
that I never understood the
experiments were to be carried
on on commercial principles
& now to recoup Govt by the
sale of the seed — Therefore I
assumed were conveyed (1)
a copy of letter from the Govt
of India Dept of Agri: dated
Simla 11th Sept 1872. that
I should raise and set aside
for the next 2 years, seed for the
supply of the administration
a small charge, if necessary,
being made for such supplies,
(2) Copy of letter from same
Dept No 152 dated Simla
14th May 1873. by carry out further
experiments with Linseed.
(3) The Chief Commissioner
wish that seed should be raised
for distribution in the Province.

If the seed was sold at prices quoted in foreign markets, the sums realised would have been very much greater - Sorghum seed sells in England at from 1/ to 2/- alb and in Australia at from 6d to 9d - I have taxed it at 20 lb pr a rupee - Sunflower seed fetches 5 s. alb in England I have taxed it at 10 lb pr the rupee - The Maize taxed by the Supt of Port Blair was sold at the rate of 30 lb pr rupee up to now the market rate pr grain -

It may also be borne in mind that the chief profit from Sorghum cultivation is realised by sale of the green fodder whereas I cheerfully value my crop for seed & a small sum for dry fodder -

I have the honor to be
Sir
Your most obedt Servt
E Boddam
on Sl duty

Memorandum

The amount stated by Mr Hudson on account of Agricultural Experiments in Rupees 1030. 7. 4 this is owing to his having included the following items viz:

Carriage for conveying Tents and office furniture while out on Tours which should have been entered under head Travelling allowance	121	9	2		
Cost of Rummah Grass Seed procured from Hyderabad	112	"	"		
Advance claimed on account of freight due for the transport of Maize to Port Blair; which was objected in April	60	"	"		
Other Contingencies such as Cost of Railroad Bags, Carriage for conveying Cochineal & Cactus Plants, Rail and other charges for Cinnamon Seeds procured and distributed. Dungaree for making Bags to distribute Sorgho and Maize Seeds. Tin Canisters to send Sorgho Seeds to Commissary General Bengal. Value of Maize Seed and Sunflower claimed from Messrs Sutton & Co					
Bamboo roofed huts &c. &c. for the Chief Commissioners Field & Air per my Monthly Contingent Bills with the Deputy Accountant General	246	13	9	543	6
Carried over				543	6

Brought over

The actual expenses incurred for Agricultural experiments at Bangalore are those shown in the Statement submitted with my letter No 8 of the 22nd April 74 Last Year.

		543	6
		487	1
Total Rupees		1030	7

E Boddam

On special duty

1061
208

1874.

From —

To Colonel E. Stoddart
on special duty

Dated 12th May

Despatched —

Received 18th May 1874

58

Enclosures No.

General No. 1061

Local No. 208

In replying to letter No. 100 of the 5th inst, states that the object of the last reference was simply to point out the difference of accounts, with those of the Asst. Genl's

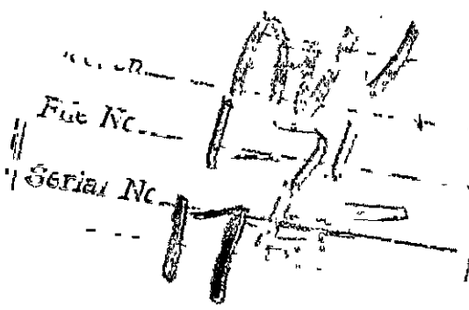
—

Genl No. 1061
Fl. No. 208

In C. C. Office
Bangalore 12th May 1874

To Colonel P. Boyd Secy
to Special Duty

Sir,



In reply to your letter No 10 of the 5th instant, I am directed to state that the object of the Govt reference was simply to point out the difference between your account and that furnished by the Dy. Accountant of the total cost of Agricultural Experiments during the past year, with a view to clearing up the discrepancy, which the explanation now submitted by you does sufficiently.

2. There was no intention of testing your experiments by the amount recouped in each district from their results.

This Office No 139 of 29 April 1874.

Mr. Adams proposal,
and he requests that
you will be so good as
make Enquiries on this
point.

11/5/14

12/5/14